

# 2006

## Injury-related Hospital Discharges MA Youth & Young Adults, Ages 15-24 Years

There were **4,688** injury-related hospital discharges among Massachusetts youth ages 15-24 in FY2006, a rate of 551.1 per 100,000 youth. Poisonings and motor vehicle traffic-related injuries were the leading causes of injury-related hospitalization for this age group.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-inflicted	Assault					
Cut/pierce	85	176	179	4	1	445	9.5	52.3
Drowning/submersion	2	1	0	0		3	0.1	--
Fall	487	7	0	1		495	10.6	58.2
Fire/burn	53	5	1	1		60	1.3	7.1
Firearms	18	1	203	7	3	232	4.9	27.3
Machinery	25					25	0.5	2.9
Natural/environmental	67	0		0		67	1.4	7.9
<i>Dog bites</i>	11	0		0		11	0.2	1.3
<i>Other bites &amp; stings</i>	37	0		0		37	0.8	4.3
<i>All other (e.g. extreme cold)</i>	19	0		0		19	0.4	2.2
Overexertion	109					109	2.3	12.8
Poisoning	252	674	0	91	0	1,017	21.7	119.6
Struck by, against	206	0	177	0	3	386	8.2	45.4
Suffocation/hanging	5	4	0	0		9	0.2	1.1
Transport Injuries:	1,170	1	3	0	0	1,174	25.0	138.0
<i>Motor vehicle traffic-related</i>	1,011	1	3	0	0	1,015	21.7	119.3
<i>Occupant</i>	785					785	16.7	92.3
<i>Motorcyclist</i>	91					91	1.9	10.7
<i>Pedal cyclist</i>	19					19	0.4	2.2
<i>Pedestrian</i>	88					88	1.9	10.3
<i>Other person</i>	3					3	0.1	--
<i>Unspecified person</i>	25					25	0.5	2.9
<i>Pedal cyclist, other</i>	51					51	1.1	6.0
<i>Pedestrian, other</i>	4					4	0.1	--
<i>Other transport</i>	104					104	2.2	12.2
Other specified & classifiable	170	1	23	0	0	194	4.1	22.8
Other specified, not classifiable	59	21	42	9	2	133	2.8	15.6
Unspecified	116	7	39	2	0	164	3.5	19.3
Adverse Effects						62	1.3	7.3
No cause or intent provided						113	2.4	13.3
<b>TOTALS</b>	<b>2,824</b>	<b>898</b>	<b>667</b>	<b>115</b>	<b>9</b>	<b>4,688</b>	<b>100.0</b>	<b>551.1</b>
Injury Hospitalization Rate by Intent	332.0	105.6	78.4	13.5	1.1	n/a	n/a	n/a

Source: MA Hospital Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1, 2005- Sep 30, 2006).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than five, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

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